

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Inventor(s):** Hilda E. Smith

**Patent No.:** 7,125,548 B2

**Issued:** October 24, 2006

**For:** STREPTOCOCCUS SUIS VACCINES  
AND DIAGNOSTIC TESTS

**Attorney Docket No.:** 2183-4726US

**VIA ELECTRONIC FILING**

FEBRUARY 5, 2013

**REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT  
FOR APPLICANT'S MISTAKES (37 C.F.R. § 1.323)**

Attn.: Certificate of Corrections Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

It is noted that Applicant's errors appear in this patent of a typographical nature or character and correction thereof does not involve such changes in the patent as would constitute new matter or would require reexamination. A certificate of correction in the form attached hereto is requested.

Please send the Certificate to:

Name: Allen C. Turner  
Address: TraskBritt  
P.O. Box 2550  
Salt Lake City, Utah 84110

The Commissioner is authorized to charge \$100.00 to the TraskBritt Deposit Account No. 20-1469 for the fee as required by 37 C.F.R. § 1.20(a).

Attached hereto is Form PTO/SB/44, which is suitable for printing.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Allen C. Turner".

Allen C. Turner  
Registration No. 33,041  
Attorney for Applicant  
TRASKBRITT, P.C.  
P.O. Box 2550  
Salt Lake City, Utah 84110-2550  
Telephone: 801-532-1922

Date: February 5, 2013  
ACT/bv

Attachment: PTO/SB/44

UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

PATENT NO. 7,125,548 B2  
APPLICATION NO. : 09/767,041  
ISSUE DATE : October 24, 2006  
INVENTOR(S) : Hilda Elizabeth Smith

Page 1 of 32

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**In the drawings:**

In FIG. 6B, At end of listing, change "AA" to --AAATCGAT--  
In FIG. 6F, At end of listing, change "SLASYRIRK" to  
--SLASYRIRKK--

**In the specification:**

COLUMN 42, LINE 60, change "3736-3541." to --3736-3741.--  
COLUMN 49, LINE 42, Delete all of SEQ ID No 9

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TRASKBRITT  
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Salt Lake City, Utah 84102 USA

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PATENT NO. : 7,125,548 B2  
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ISSUE DATE : October 24, 2006  
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**In the specification: (continued)**

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**In the specification: (continued)**

ccgtaacaga tatttttatt gttcagtgga aagaaatgaa gaaggtatat cctaatacta 1800  
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**In the specification: (continued)**

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Page 5 of 32

**In the specification: (continued)**

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APPLICATION NO. : 09/767,041  
ISSUE DATE : October 24, 2006  
INVENTOR(S) : Hilda Elizabeth Smith

Page 6 of 32

### In the specification: (continued)

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### In the specification: (continued)

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### In the specification: (continued)

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# UNITED STATES PATENT AND TRADEMARK OFFICE

## CERTIFICATE OF CORRECTION

PATENT NO : 7,125,548 B2  
APPLICATION NO : 09/767,041  
ISSUE DATE : October 24, 2006  
INVENTOR(S) : Hilda Elizabeth Smith

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**In the specification: (continued)**

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### In the specification: (continued)

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ISSUE DATE : October 24, 2006  
INVENTOR(S) : Hilda Elizabeth Smith

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### In the specification: (continued)

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APPLICATION NO. : 09/767,041  
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INVENTOR(S) : Hilda Elizabeth Smith

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### In the specification: (continued)

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tgaagctctg ttaattggc gaacgagcaa aagaatttaa aaaacgactc cgatattttt	6480

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### In the specification: (continued)

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### In the specification: (continued)

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**In the specification: (continued)**

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,125,548 B2  
APPLICATION NO.: 09/767,041  
ISSUE DATE : October 24, 2006  
INVENTOR(S) : Hilda Elizabeth Smith

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**In the specification: (continued)**

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INVENTOR(S) : Hilda Elizabeth Smith

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**In the specification: (continued)**

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INVENTOR(S) : Hilda Elizabeth Smith

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### In the specification: (continued)

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# UNITED STATES PATENT AND TRADEMARK OFFICE

## CERTIFICATE OF CORRECTION

PATENT NO : 7,125,548 B2  
APPLICATION NO : 09/767,041  
ISSUE DATE : October 24, 2006  
INVENTOR(S) : Hilda Elizabeth Smith

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**In the specification: (continued)**

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PATENT NO : 7,125,548 B2  
ISSUE DATE : October 24, 2006  
INVENTOR(S) : Hilda Elizabeth Smith

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**In the specification: (continued)**

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**In the specification: (continued)**

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**In the specification: (continued)**

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PATENT NO : 7,125,548 B2  
APPLICATION NO : 09/767,041  
ISSUE DATE : October 24, 2006  
INVENTOR(S) : Hilda Elizabeth Smith

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**In the specification: (continued)**

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**In the specification: (continued)**

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INVENTOR(S) : Hilda Elizabeth Smith

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**In the specification: (continued)**

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INVENTOR(S) : Hilda Elizabeth Smith

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**In the specification: (continued)**

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**In the specification: (continued)**

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### In the specification: (continued)

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PATENT NO : 7,125,548 B2  
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INVENTOR(S) : Hilda Elizabeth Smith

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**In the specification: (continued)**

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<221> NAME/KEY: misc_feature
<223> OTHER INFORMATION: 100 base pair repeat between CPS20 and CPS2P

<400> SEQUENCE: 50

aaggccacct ctataaactc ccaaaattgc gaatttcgag ttacgaaagc ctgtttaat 60
caaacatttt aaattttaga aaattagttt ttagagggtcc c 101"
```

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CERTIFICATE OF CORRECTION

PATENT NO : 7,125,548 B2  
APPLICATION NO. : 09/767,041  
ISSUE DATE : October 24, 2006  
INVENTOR(S) : Hilda Elizabeth Smith

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In the specification: (continued)

Insert

```
--<210> SEQ ID NO 49
<211> LENGTH: 101
<212> TYPE: DNA
<213> ORGANISM: Streptococcus suis
<220> FEATURE:
<221> NAME/KEY: misc_feature
<222> LOCATION: (1)..(101)
<223> OTHER INFORMATION: N may be any nucleotide
<221> NAME/KEY: misc_feature
<223> OTHER INFORMATION: 100 base pair repeat within CPS2M

<400> SEQUENCE: 49

gggggcacct ctataaattc ccaaaattgc gaatttggag ttacgaaagc cttgttaaat 60
caancatctt aaattttaga aaattagttt ttagagggtcc c 101

<210> SEQ ID NO 50
<211> LENGTH: 101
<212> TYPE: DNA
<213> ORGANISM: Streptococcus suis
<220> FEATURE:
<221> NAME/KEY: misc_feature
<223> OTHER INFORMATION: 100 base pair repeat between CPS2O and CPS2P

<400> SEQUENCE: 50

aagggcacct ctataaactc ccaaaattgc gaatttggag ttacgaaagc cttgttaaat 60
caaacatttt aaattttaga aaattagttt ttagagggtcc c 101--
```

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ISSUE DATE : October 24, 2006  
INVENTOR(S) : Hilda Elizabeth Smith

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**Replace FIG. 6B with the following amended figure:**

**49/61**

AAAGTTTTT AAAAATTCGA ATAATTTAGG GGCAGCTCTA ACACGAAATA AGGCACTAAG  
AAAAGCTAGA GGTAGGTGGA TTGCGTTCTT GGATTCAGAT GATTTATGGC  
ACCCGAGTAA GCTAGAAAAA CAGCTTGAAT TTATGAAAAA TAATGGATAT TCATTACTT  
ATCACAAATTT TGAAAAGATT GATGAATCTA GTCAGTCTTT ACGTGTCTG  
GTGTCAGGAC CAGCAATTGT GACTAGAAAA ATGATGTACA ATTACGGCTA TCCAGGGTGT  
TTGACTTTCA TGTATGATGC AGACAAAATG GGTTAATTC AGATAAAGA  
TATAAAGAAA AATAACGATT ATGCGATATT ACTTCAATTG TGTAAGAAGT ATGACTGTTA  
TCTTTTAAAT GAAAGTTTAG CTTCGTATCG AATTAGAAAA AAATCGAT

**DNA Serotype 7**

**SEQ ID NO:43**

**FIG. 6B**

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APPLICATION NO : 09/767,041  
ISSUE DATE : October 24, 2006  
INVENTOR(S) : Hilda Elizabeth Smith

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**Replace FIG. 6F with the following amended figure:**

**53/61**

MVERDMVERD TLVSIIMPSW NTAKYISESI QSVLDQTHQN WELIIVDDCS NDETEKVVSH  
FKDSRIKFFK NSNNLGAAIT RNKALRKARG RWIAFLDSDD LWHPSKLEKQ  
LEFMKNNGYS FTYHNFEKID ESSQSLRVLV SGPAIVTRKM MYNYGYPGCL TFMYDADKMG  
LIQIKDIKN NDYAILLQLC KKYDCYLLNE SLASYRIRKK

**CPS7H**

**DNA Serotype 7**

**SEQ ID NO:47**

**FIG. 6F**

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